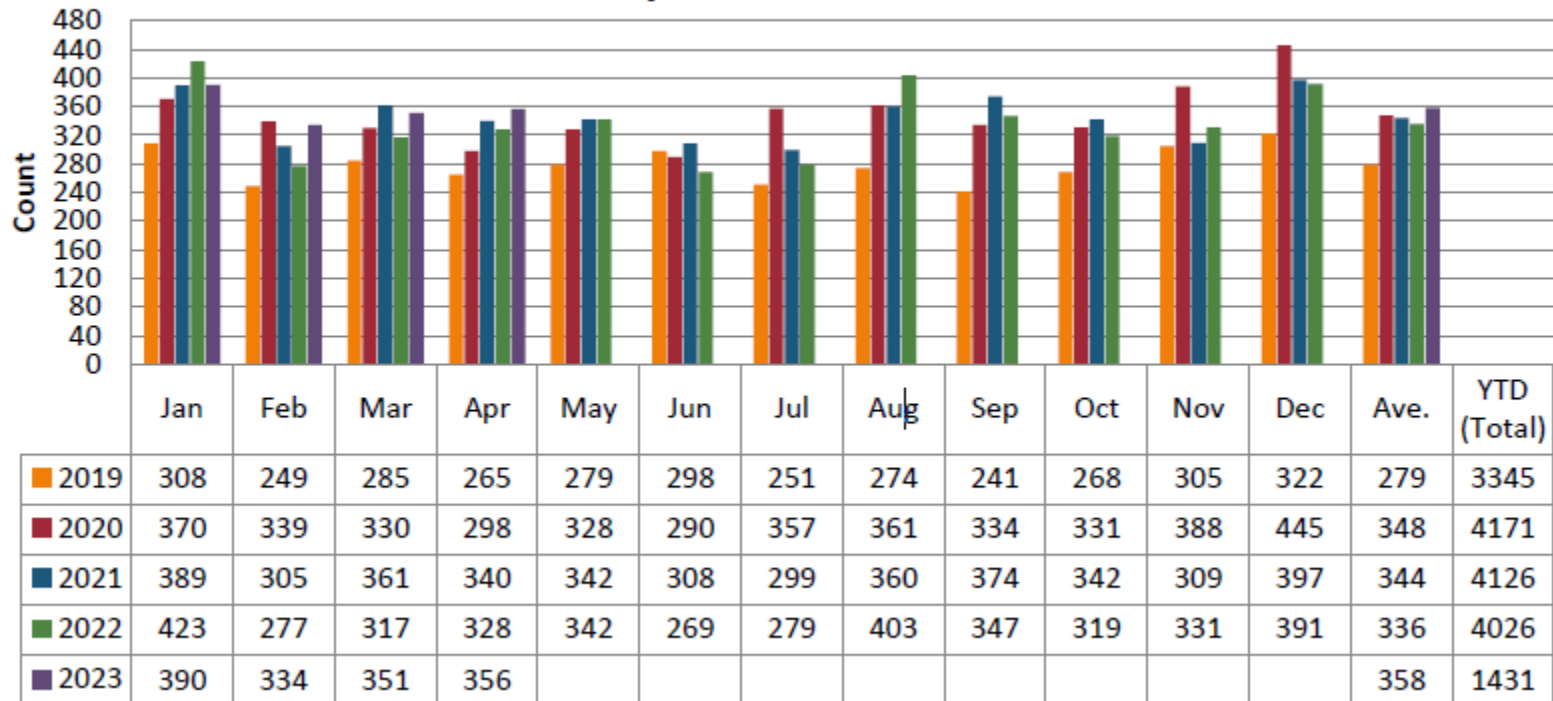


SEDGWICK COUNTY REGIONAL FORENSIC SCIENCE CENTER
Wichita, Kansas

**ADVISORY BOARD QUARTERLY
REPORT
May 18, 2023**

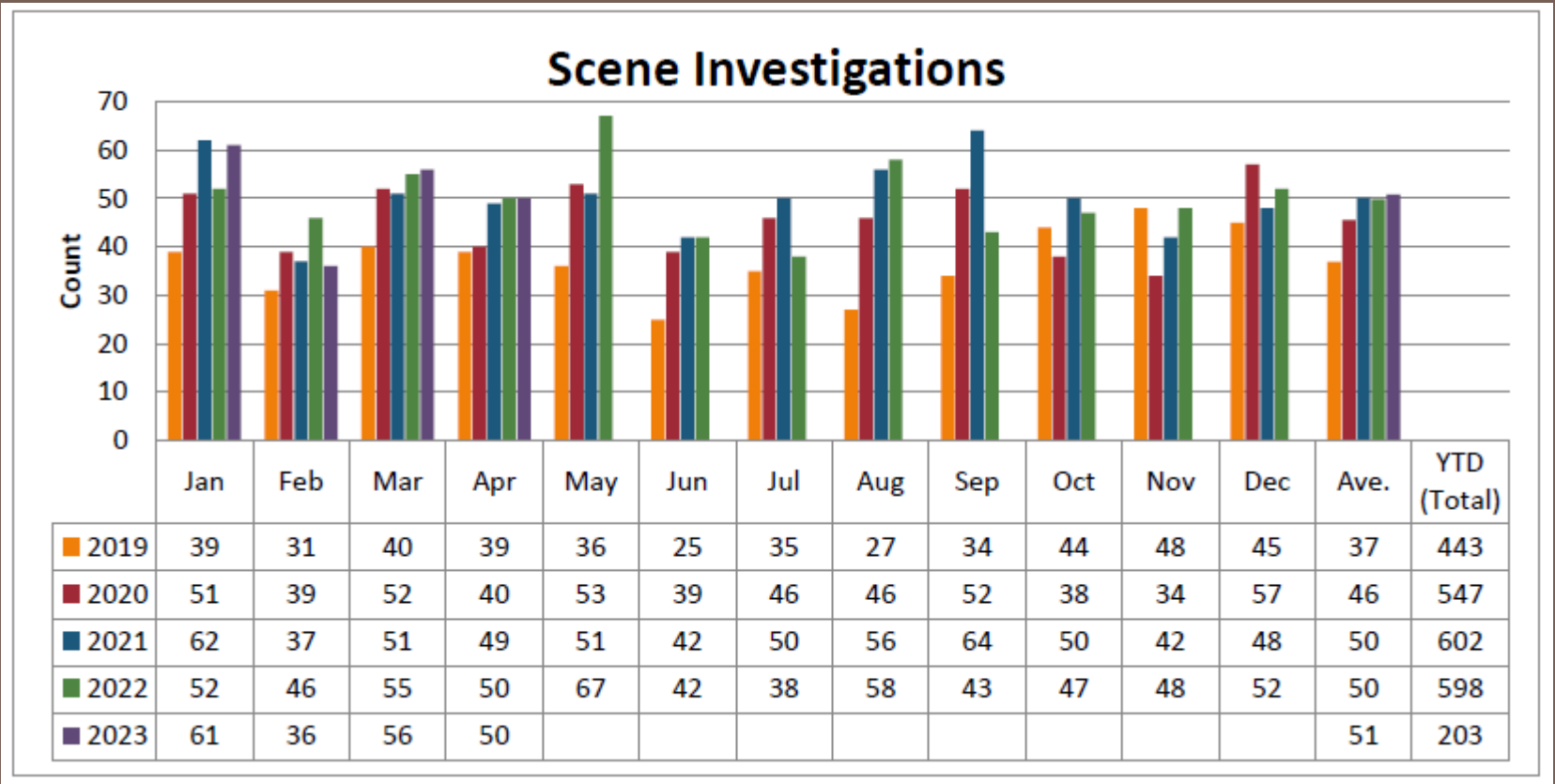
Medical Investigations

Reported Deaths



2019-2022: up 20%

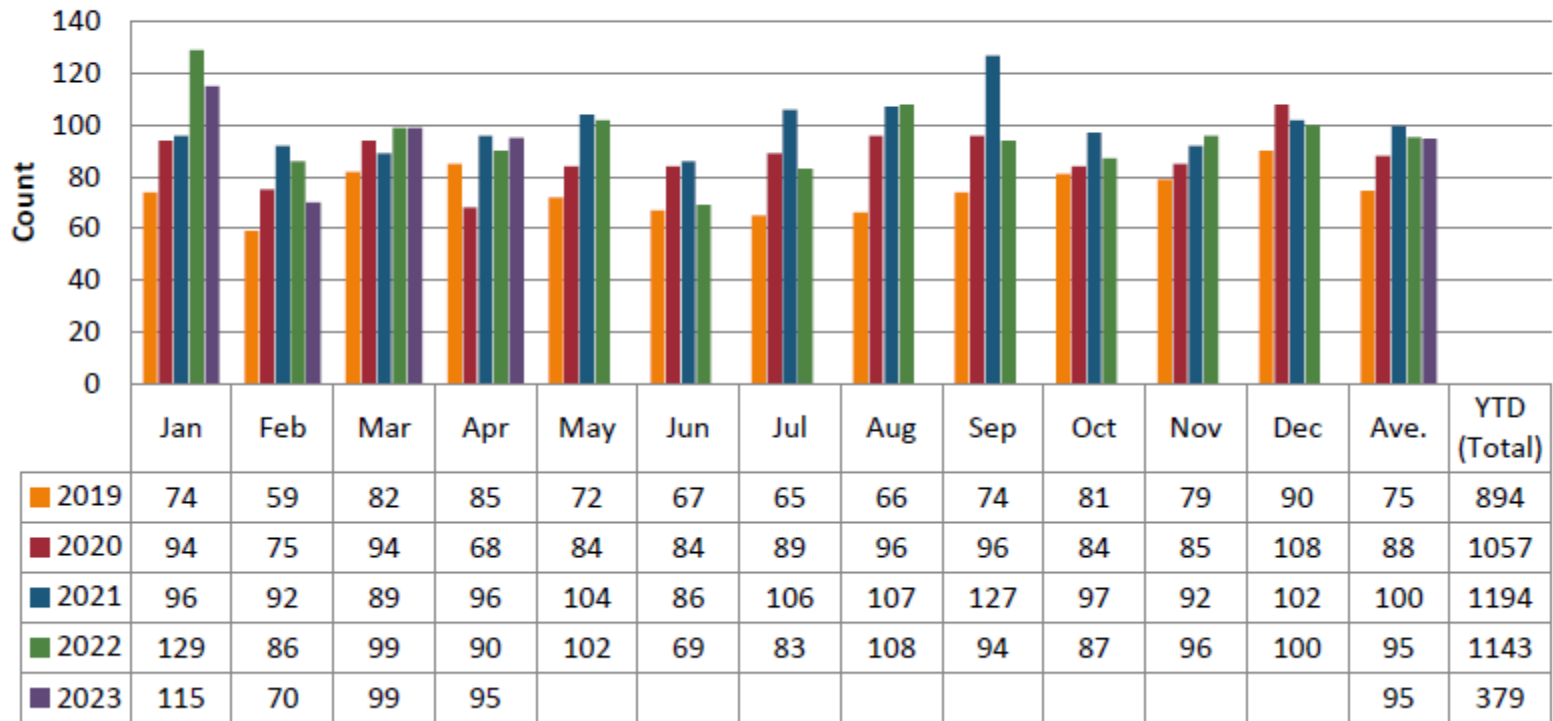
Medical Investigations



2019-2022: up 35%

Pathology

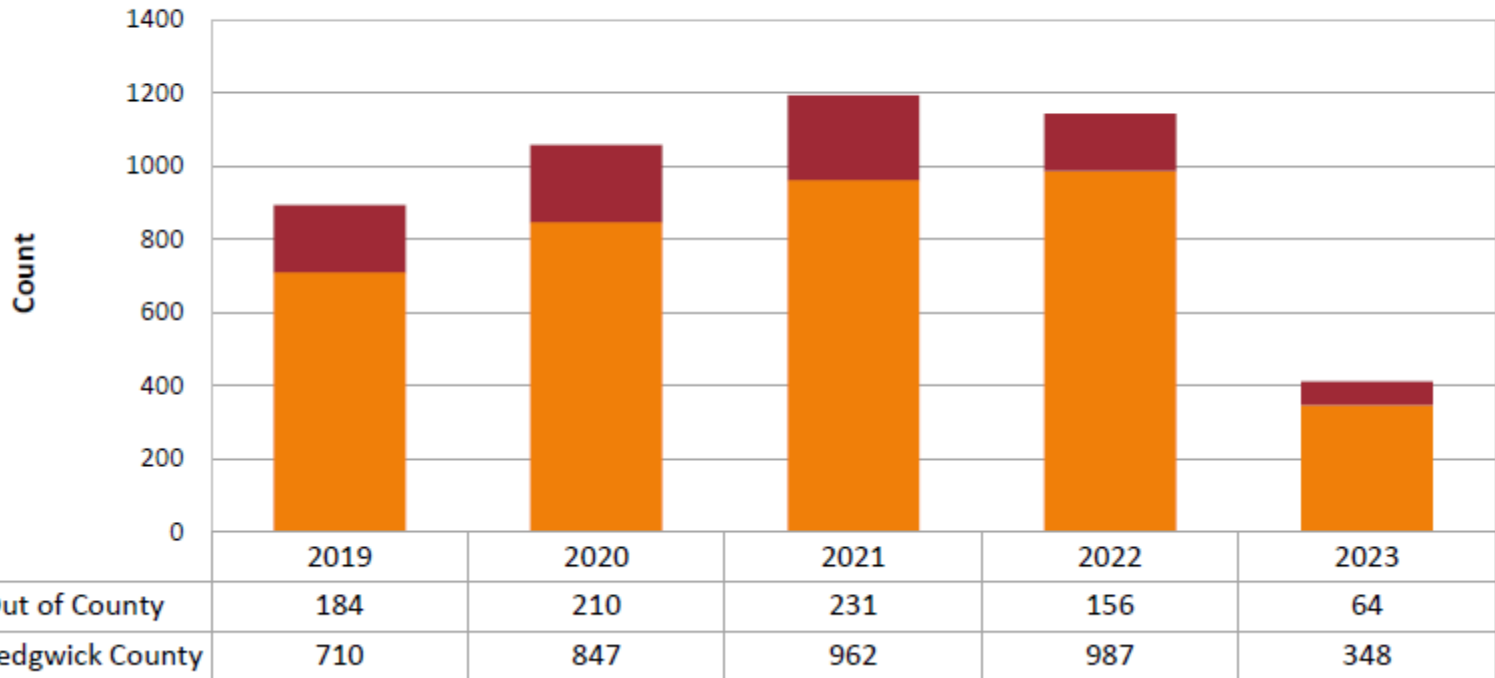
Autopsy Cases Received by Death Reported Year



2019-2022: up 28%

Pathology

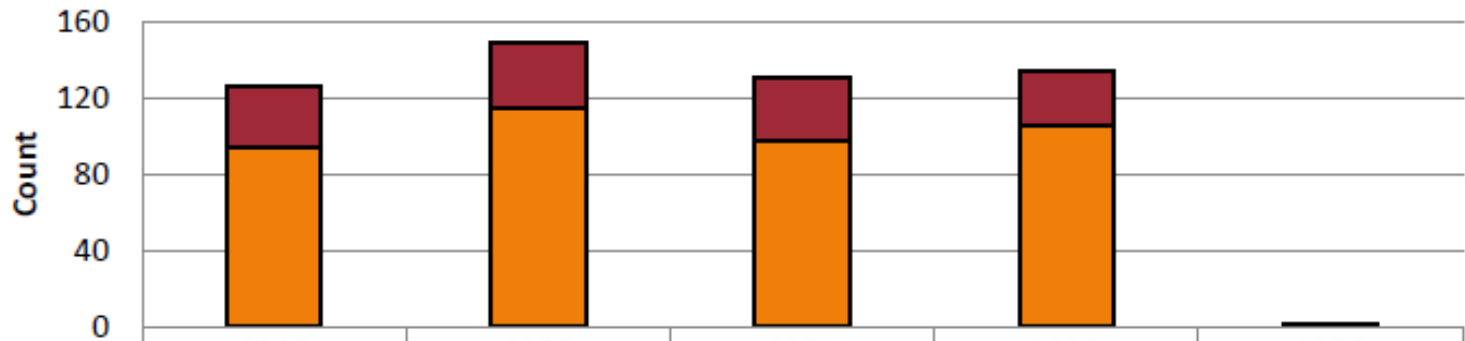
Autopsy Cases Sedgwick County vs. Out of County



2021 = 24% 2022 = 17%

Pathology

Count of Suicides by Examination Year



Other Counties	32	34	33	28	1
Sedgwick	94	115	98	106	1
Total	126	149	131	134	2

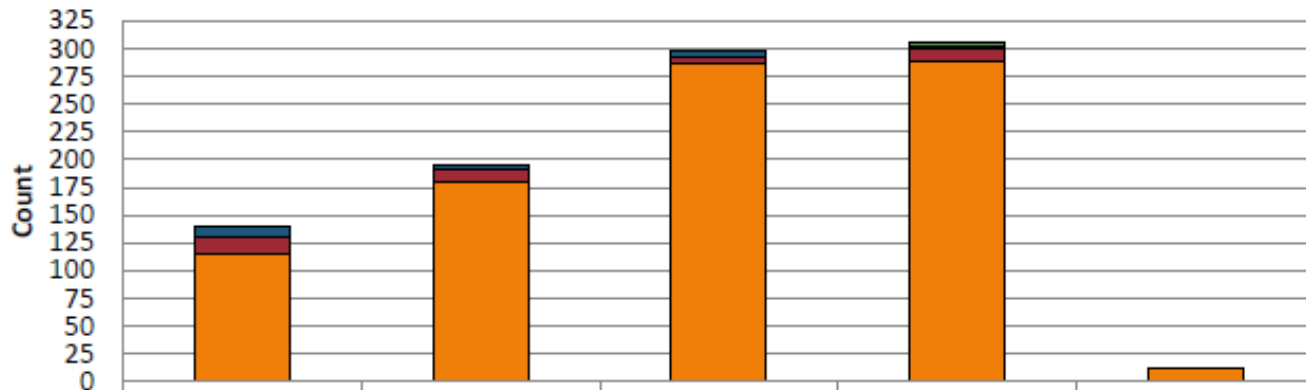
14%

14%

12%

Pathology

Overdose Count by Manner of Death by Death Year



	2019	2020	2021	2022	2023
Other	0	0	0	3	0
Undertermined	9	3	5	3	0
Suicide	15	12	7	11	0
Accidental	115	180	286	289	12
Total	139	195	298	306	12

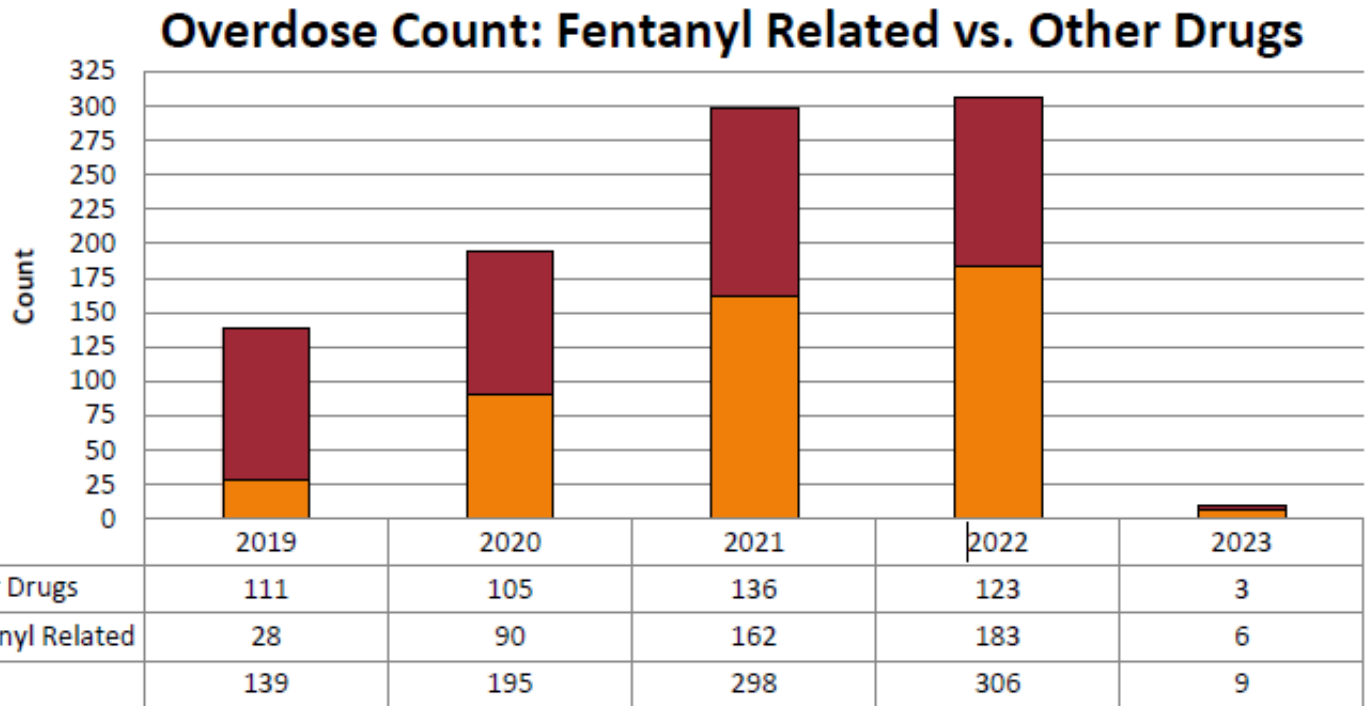
16%

18%

25%

30-50
reports
pending

Pathology



20%

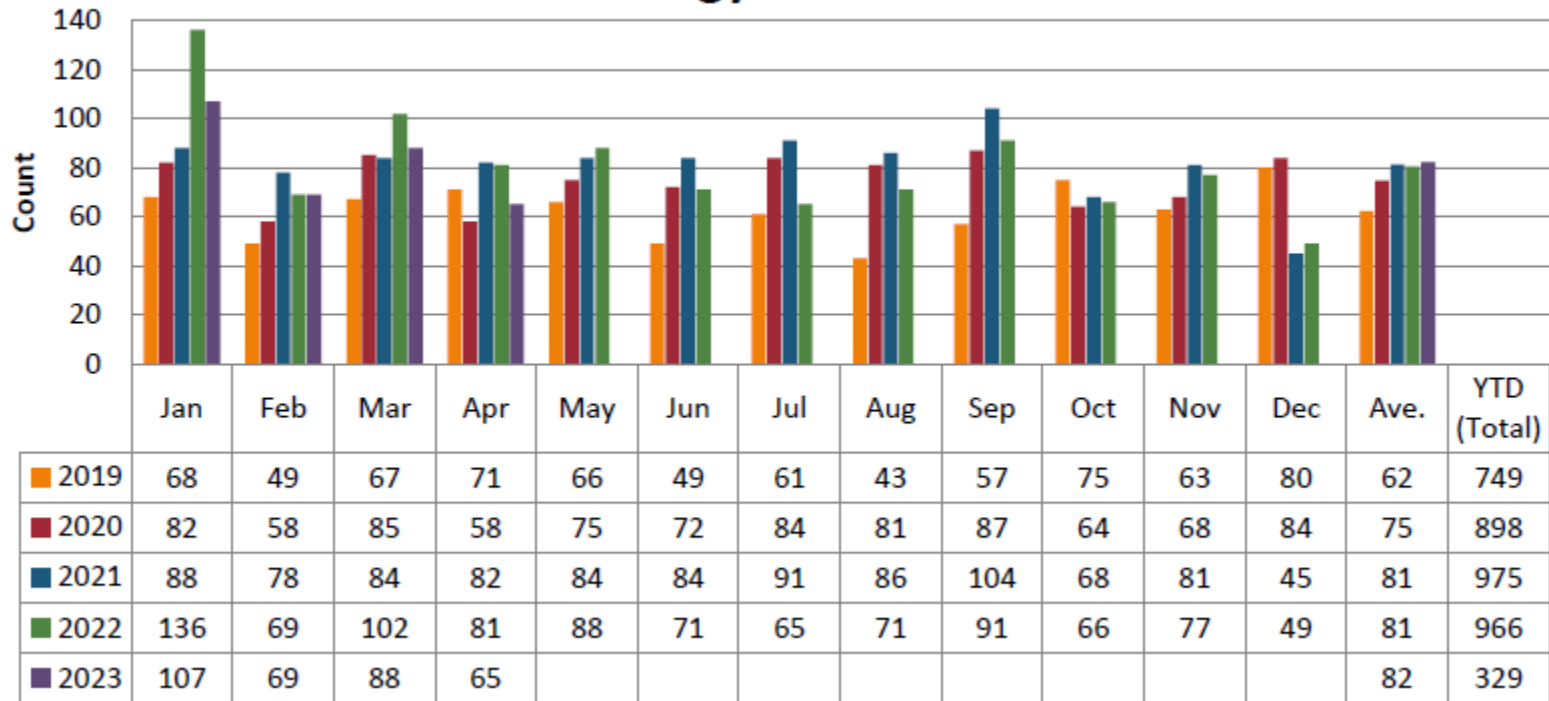
46%

55%

60%

Toxicology

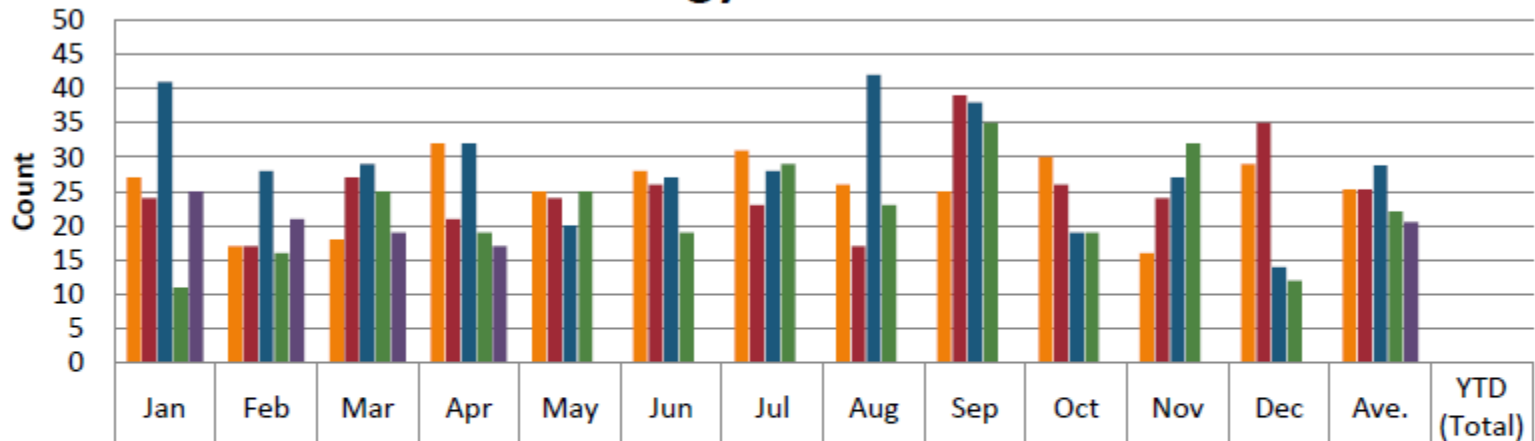
PM Toxicology Cases Submitted



2019 – 2022= 29%

Toxicology

HPT Toxicology Cases Submitted

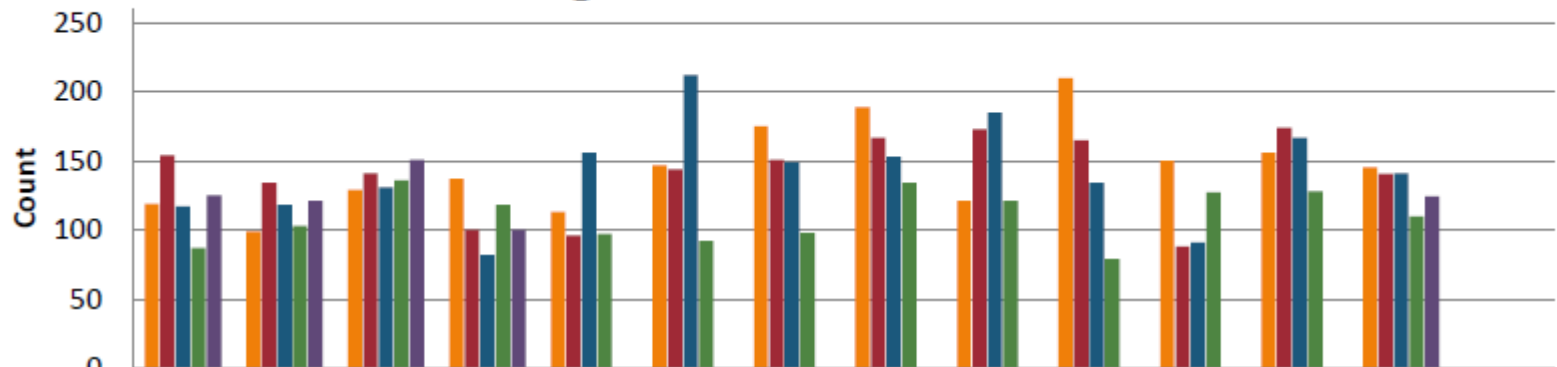


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ave.	YTD (Total)
2019	27	17	18	32	25	28	31	26	25	30	16	29	25	304
2020	24	17	27	21	24	26	23	17	39	26	24	35	25	303
2021	41	28	29	32	20	27	28	42	38	19	27	14	29	345
2022	11	16	25	19	25	19	29	23	35	19	32	12	22	265
2023	25	21	19	17									21	82

2019 – 2021 = -13%

Drug Identification

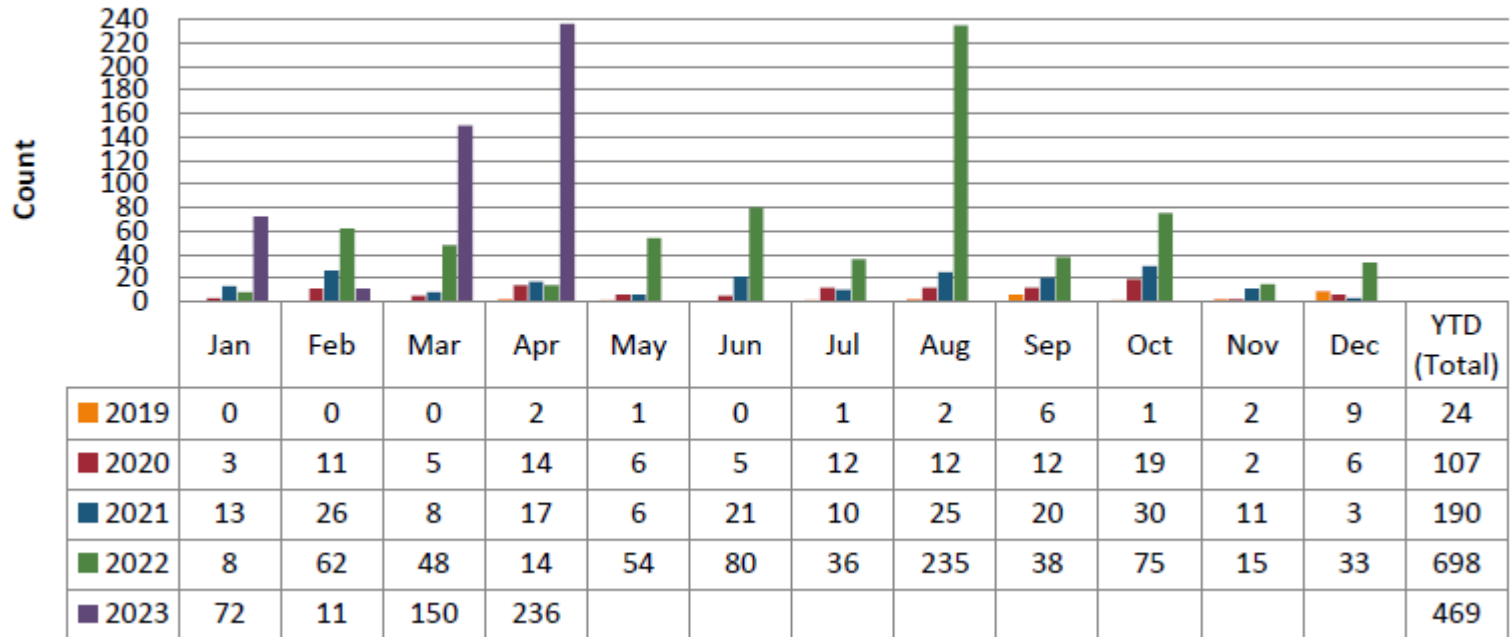
Drug ID Cases Submitted



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ave.	YTD (Total)
2019	119	99	129	137	113	147	175	189	121	210	150	156	145	1745
2020	154	134	141	100	96	144	151	167	173	165	88	174	141	1687
2021	117	118	131	82	156	212	149	153	185	134	91	167	141	1695
2022	87	103	136	118	97	92	98	134	121	79	127	128	110	1320
2023	125	121	151	100									124	497

Drug Identification

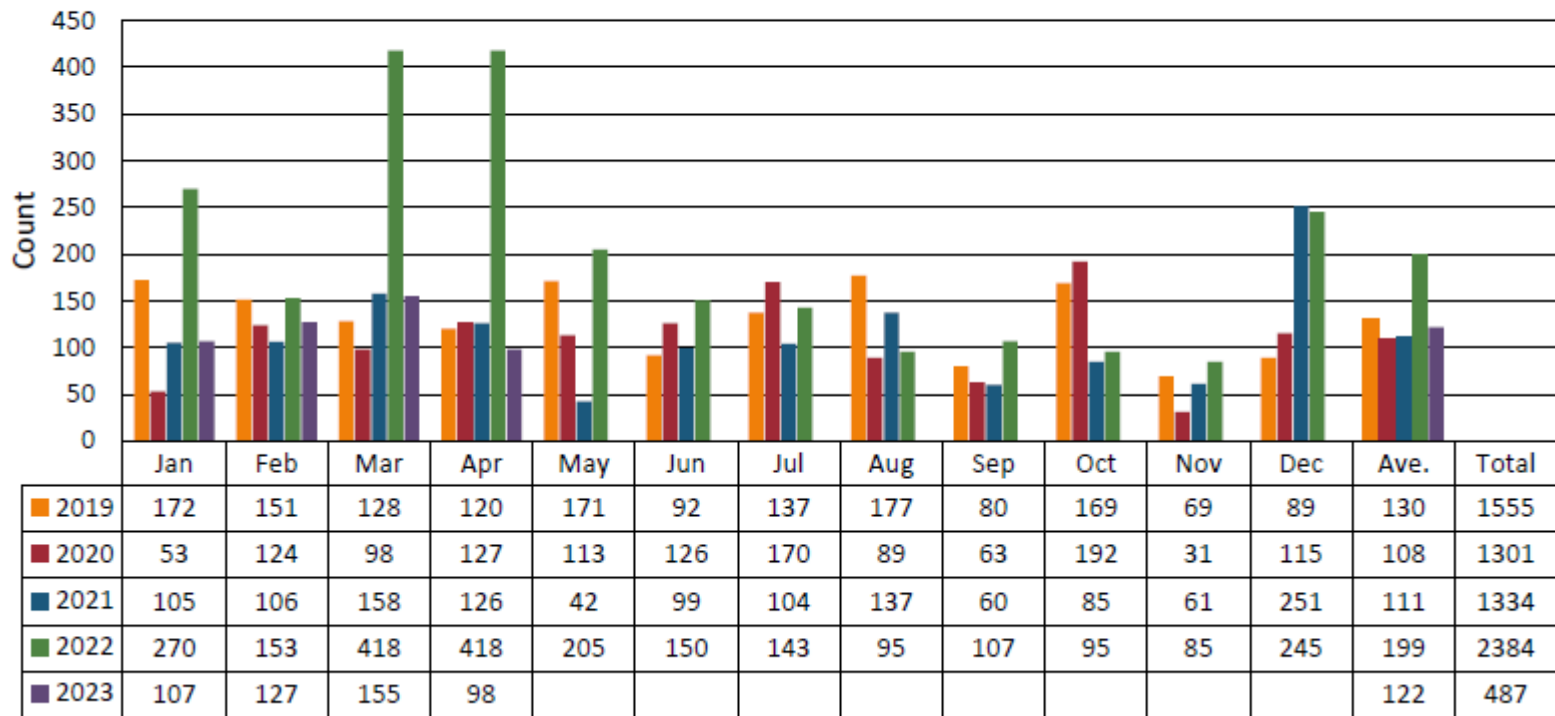
Drug ID Fentanyl Positive Exhibits



Up 267% from 2021

Biology / DNA

Biology/DNA Samples Analyzed



Up 53% from 2019

Summary

Quarterly Summary:

- DNA, Tox, DID backlogs are decreasing
- Competitive Grant –purchased LC-MS/MS; second LC-MS/MS to be purchased with Opioid Settlement Funds
- Tox lab continuing to outsource with JAG and Coverdell grant funds; approximately 40% of cases done off-site
- Staffing in Investigations, Tox, and DID are short
- Fentanyl submissions continue to rise
- Permanent Forensic Pathologist start date is July 11, 2023
- Locum Tenens Deputy Coroner contract extended
- Received resignation of senior DID scientist, also serves as Fire Debris Technical Leader and LIMS Admin

Summary

2024 Budget Scenarios:

- Add FT Medical Investigator

CIP requests

- DNA Addition – should begin in 2023!

Summary

2023 Grants Submitted:

- Coverdell Formula (\$99,900) →
- CEBR (\$298,213) →
- CDC OD2A: Local (approx. 1.5 million) →

Discussion

Questions?

Please submit to Shelly.Steadman@sedgwick.gov

Forensic Science Center



Mission: The Forensic Science Center strives to provide the highest quality medicolegal and advanced forensic laboratory services to Sedgwick County. Death Investigation and Forensic Autopsy services are conducted in a compassionate and objective manner to achieve accurate certification of cause and manner of death. The Forensic Laboratory services provide unbiased and accurate analytical testing to support the resolution of criminal cases. As an independent agency operating under the Division of Public Safety, the Forensic Science Center collaborates with public health and criminal justice stakeholders to reduce crime and prevent deaths.